

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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|------------------|---|---------------------|--------------------------------|
| <b>Appl. No.</b> | : 10/783,491  | <b>Applicant</b>    | : Shidemantle, Jack P.         |
| <b>Filed</b>     | : 02/20/2004  | <b>Art Unit</b>     | : 2859                         |
| <b>Examiner</b>  | : Jagan, Mirrelys   | <b>Atty. Docket</b> | : 650271-132<br>(MSI-YSI-1-US) |
| <b>Title</b>     | : DIGITALLY MODIFIED RESISTIVE OUTPUT FOR A<br>TEMPERATURE SENSOR |                     |                                |

Mail Stop Amendment  
Commissioner for Patents  
P.O.Box 1450  
Alexandria VA 22313-1450

## AMENDMENT AND RESPONSE

**Sir:**

Response to the Office Action mailed September 28, 2006 in the above-identified patent application was timely due December 28, 2006. A petition for a one-month extension of time to respond, through and including January 29, 2007 (January 28, 2007 being a Sunday), has been included herewith. Accordingly, the present response is deemed to be timely filed. Should there be any fees due and owing with respect to this response, the Office is authorized to charge such fees to deposit account no. 50-3208. Please enter the following remarks.

**Amendments to the claims** are reflected in the listing of claims which begin on page 2 of this paper.

**Remarks** begin on page 10 of this paper.

CERTIFICATE OF MAILING UNDER 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail on January 29, 2007 in an envelope addressed to: Mailstop Amendment; Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Ashley Melcher  
Signature

Abby Melcher  
Name

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